

CLAIMS

What is claimed is:

- 5 1. A voice messaging system, comprising:
 a controller;
 a voice message memory; and
 a deleted voice message memory;
 wherein a voice message is initially stored in said voice
 message memory, and upon deletion of said voice message from said
10 voice message memory, said voice message is stored in said deleted
 voice message memory.
2. The voice messaging system according to claim 1, further
 comprising:
15 a telephone line interface over which said voice message is
 initially received by said voice messaging system.
3. The voice messaging system according to claim 1,
 wherein:
20 said voice message stored in said deleted voice message
 memory is retrievable for playback by a user.
4. The voice messaging system according to claim 1,
 wherein:
25 said voice message stored in said deleted voice message
 memory is removable from said deleted voice message memory to affect
 permanent deletion.

5. The voice messaging system according to claim 4,
wherein:

said voice message is permanently deletable from said
deleted voice message memory via input from a keypad.

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6. The voice messaging system according to claim 4,
wherein:

said voice message is removed from said deleted voice
message memory and permanently deleted at a predetermined time
interval.

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7. The voice messaging system according to claim 4,
wherein:

said voice message is removed from said deleted voice
message memory upon reaching a predetermined number of voice
messages being simultaneously stored in said deleted voice message
memory.

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8. The voice messaging system according to claim 7,
wherein:

said removed voice message is an oldest stored voice
message in said deleted voice message memory.

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9. The voice messaging system according to claim 4,
wherein:

said voice message is removed from said deleted voice
message memory upon reaching a predetermined percentage use of a
memory capacity of said deleted voice message memory.

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10. The voice messaging system according to claim 1,
wherein:

5 said voice message stored in said deleted voice message
memory is compressed more than voice messages stored in said voice
message memory.

11. The voice messaging system according to claim 1,
wherein:

10 said voice message in said deleted voice message memory
is compressed using a bit rate which is lower than a bit rate of voice
messages stored in said voice message memory.

12. A method for managing a deleted voice message from a
voice messaging system, comprising:

15 storing said deleted voice message in a deleted voice
message memory.

13. The method for managing a deleted voice message
from a voice messaging system according to claim 12, further comprising:

20 retrieving said deleted voice message from said deleted
voice message memory for playback.

14. The method for managing a deleted voice message
from a voice messaging system according to claim 12, further comprising:

25 inputting a predetermined code via a keypad for retrieving
said deleted voice message from said deleted voice message memory.

15. The method for managing a deleted voice message from a voice messaging system according to claim 12, further comprising:

permanently deleting a voice message by removing said voice message stored in said deleted voice message memory.

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16. The method for managing a deleted voice message from a voice messaging system according to claim 15, wherein:

said permanent deletion occurs automatically based on a predetermined condition.

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17. The method for managing a deleted voice message from a voice messaging system according to claim 16, wherein:

said predetermined condition corresponds to a predetermined time interval.

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18. The method for managing a deleted voice message from a voice messaging system according to claim 16, wherein:

said predetermined condition corresponds to a length of time after said deleted voice message is stored in said deleted voice message memory.

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19. The method for managing a deleted voice message from a voice messaging system according to claim 15, further comprising:

removing said voice message from said deleted voice message memory upon reaching a predetermined number of voice messages simultaneously stored in said deleted voice message memory.

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20. The method for managing a deleted voice message from a voice messaging system according to claim 15, further comprising:

removing said voice message from said deleted voice message memory upon reaching a predetermined percentage of a memory capacity of said deleted voice message memory.

21. The method for managing a deleted voice message from a voice messaging system according to claim 12, further comprising:

compressing said deleted voice message, after storage in said voice message memory, for storage in said deleted voice message memory.

22. Apparatus for retrieving a deleted voice message from a voice messaging system, comprising:

means for storing a deleted voice message in a deleted voice message memory; and

means for retrieving said deleted voice message from said deleted voice message memory for playback.

23. The apparatus for retrieving a deleted voice message from a voice messaging system according to claim 22, further comprising:

means for inputting a predetermined code via a keypad for retrieving said deleted voice message from said deleted voice message memory.

24. The apparatus for retrieving a deleted voice message from a voice messaging system according to claim 22, further comprising:

means for permanently deleting said voice message by removing said voice message stored in said deleted voice message memory.

25. The apparatus for retrieving a deleted voice message from a voice messaging system according to claim 22, further comprising:
means for removing said voice message from said deleted voice message memory upon reaching a predetermined number of voice messages simultaneously stored in said deleted voice message memory.

26. The apparatus for retrieving a deleted voice message from a voice messaging system according to claim 22, further comprising:
means for removing said voice message from said deleted voice message memory upon reaching a predetermined percentage of a memory capacity of said deleted voice message memory.

27. The apparatus for retrieving a deleted voice message from a voice messaging system according to claim 22, further comprising:
means for compressing said deleted voice message, after storage in said voice message memory, for storage in said deleted voice message memory.

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